(12)

### **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3: 29.01.2003 Bulletin 2003/05

(51) Int Cl.7: **H04Q 7/38** 

(43) Date of publication A2: 04.12.2002 Bulletin 2002/49

(21) Application number: 02011988.9

(22) Date of filing: 29.05.2002

(84) Designated Contracting States:

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU

MC NL PT SE TR

Designated Extension States:

AL LT LV MK RO SI

(30) Priority: 01.06.2001 JP 2001166788

(71) Applicant: NEC CORPORATION Tokyo (JP)

(72) Inventor: Kubosawa, Nobuyoshi, Nec Corporation Tokyo (JP)

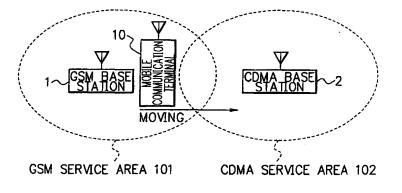
(74) Representative: Betten & Resch Patentanwälte, Theatinerstrasse 8 80333 München (DE)

#### (54) Mobile communication terminal

(57) A mobile communication terminal, in which a user of the mobile communication terminal can designate handover among plural communication systems, is provided. The mobile communication terminal provides radio sections for different communication systems, which establish, connect, and disconnect radio lines, and measure communication quality at the communication systems, a controller, which controls each of the radio sections establishes, connects, and disconnects a radio line, and measures the communication quality at each of the communication systems, and also controls handover

operation among the communication systems by changing the operation of the radio sections, and an operating section which exchanges information with a user of the mobile communication terminal. In case that handover to a communication system with which the communication started, handover to a desiring communication system, or handover to a communication system being different from the currently using communication system, is designated via the operating section, before starting the communication or during the communication, the controller controls so that the designated handover is executed

# F I G. 3





Buy

## **EUROPEAN SEARCH REPORT**

Application Number EP 02 01 1988

ategory	Citation of document with ind of relevant passage	Relevant to claim	CLASSIFICATION OF THE APPLICATION (INLCI.7) H04Q7/38	
X	WO 96 12377 A (WESTI 25 April 1996 (1996- * page 4, line 8-33 * page 5, line 3-13 * page 16, line 1-36 * page 19, line 4-6 * page 28, line 7-13			
X	WO 95 23485 A (LONGO INTERNATIONAL PTY LT 31 August 1995 (1995 * page 1, line 16 - * page 7, line 18 - * page 9, line 21-26 * page 13, line 14 -	TD (AU)) 5-08-31) page 2, line 9 * page 8, line 13 *	1,5	
X	WO 01 06803 A (MITSL 25 January 2001 (200 & EP 1 115 261 A (MI CORP) 11 July 2001 ( * column 1, line 5-9 * column 2, line 56 * column 4, line 30-	1,4,6	TECHNICAL FIELDS SEARCHED (Im.C1.7)	
A	WO 01 22764 A (NOKIA INC (US)) 29 March 2 * the whole document	NETWORKS OY ;NOKIA 2001 (2001-03-29) : * 	1-6	
	The present search report has b	een drawn up for all claims		
	Place of search	Date of completion of the search	Τ.	Examiner
	MUNICH	2 December 2002	150	opescu, C
X;par Y:par cloo A:teol O:nor	ATEGORY OF CITED DOCUMENTS ticularly relevant if taken alone ticularly relevant if combined with anoth unnoted to the same category hological background harmithen declosure immediate abcurrent	L : document ofted fo	oument, but public en the application or other reasons	ished on, or

2

### EP 1 263 254 A3

### ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 02 01 1988

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

02-12-2002

	Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO	9612377	A	25-04-1996	US AU WO	5732359 A 3718395 A 9612377 A1	24-03-1998 06-05-1996 25-04-1996
WO	9523485	A	31-08-1995	AU WO ZA	1749495 A 9523485 A1 9501628 A	11-09-1995 31-08-1995 10-01-1996
wo	0106803	Α	25-01-2001	WO EP US	0106803 Al 1115261 Al 6400962 Bl	25-01-2001 11-07-2001 04-06-2002
WO	0122764	Α	29-03-2001	AU BR EP WO	6719700 A 0014248 A 1214855 A1 0122764 A1	24-04-2001 21-05-2002 19-06-2002 29-03-2001

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82